

### Remarks

Claims 1-34, 36, and 38-43 are pending in the application. Claim 35 has been canceled. Claim 37 was canceled in Amendment D. (Although claims 21 and 22 were canceled in First Amendment After Final "C," that amendment was not entered. Second amendment after final "D" was entered, but claims 21 and 22 were not canceled in Amendment D.) Claims 1, 17, 21, and 34, have been amended. Claims 39-43 have been added. No new matter has been added by virtue of this amendment. Reconsideration of the application as amended is requested.

### Allowance

Applicant would like to thank the Examiner for indicating on the cover sheet that claims 6-11, 23, 24, and 26-33 are objected to and therefore would be allowable if rewritten in independent form. However, there may be an error in this list since some of the claims are rejected under 35 U.S.C. § 103(a), as discussed below.

### Claim Rejections--35 U.S.C. § 102(b)

The Examiner rejects claims 1, 2, 3, 5, 12, 13, 21, 22, 25, 34-36, 38 under 35 U.S.C. § 102(b) as being anticipated by Siner. With respect to the rejection of claim 1, the examiner states that "Siner discloses a hub comprising a first opening (FIG. 5) extending axially into the hub, the first opening having a first end and a second end; an integral key (26) extending radially inward from the inner surface of the first opening, the integral key extending at least part of the way along the inner surface between the first end and the second end for engaging the keyway for preventing relative rotation between the hub and the shaft when the hub is disposed on the shaft; and an integral stop (22) extending across at least a portion of one of the first end for preventing the shaft from extending beyond the hub when the hub is disposed on the shaft."

However, claim 1 has been amended to include a further limit for the hub:

**a mounting surface having a position for mounting the pulley, gear, or wheel on the hub, wherein the shaft extends through the pulley, gear, or wheel when the pulley, gear, or wheel is mounted on said hub and said hub is disposed on the shaft and the shaft extends to said integral stop.**

There is no teaching or suggestion in Siner to provide "a mounting surface having a position for mounting the pulley, gear, or wheel on the hub." Siner is not describing a hub for a pulley, gear, or wheel. Siner is describing a servo-member which has nothing to do with being a mounting for a pulley, gear, or wheel. In Siner disk 12 and hub 14 are one

integral piece. There is no mounting surface on hub 14 for mounting a pulley, gear, or wheel.

Also Siner does not teach or suggest that "the shaft extends through the pulley, gear, or wheel." In Siner the shaft extends only part way into the hub and does not extend **through** the pulley, gear, or wheel or through his disk 12.

Claims 21, as amended includes the mounting surface limit. Claim 34, as amended includes both the mounting surface limit and the "the shaft extends through the device" limit. Therefore, the rejection of claims 1, 21, and 34 as amended, and claims dependent thereon, has been traversed.

Applicant would ask the Examiner to consider that claim 36 includes the first limit, "a mounting surface for mounting a pulley, gear, or wheel thereto." There is no teaching or suggestion in Siner to provide a mounting surface for mounting a pulley, gear, or wheel thereto. In Siner disk 12 and hub 14 are one integral piece. Thus, there is no mounting surface on the hub and no reason to add a mounting surface is provided. Therefore, the rejection of claim 36, and claims dependent thereon, has been traversed.

#### **Claim Rejections--35 U.S.C. § 103(a)**

The Examiner states that claims 4, 14-16, 17-20, 26-30, and 31-33 are rejected as being unpatentable over Siner as discussed above in view of Johnson, Conyngham, and Malone. As amended independent claims 1, 21, and 34, are further distinguished from the combination of Siner, in view of Johnson, Conyngham, and Malone. Applicant would respectfully ask the Examiner to consider that it would not be obvious to modify Siner to include the limits of claims 1, 21, and 34. For example, claim 1 has the limit:

**a mounting surface** having a position for mounting the pulley, gear, or wheel on the hub, wherein **the shaft extends through** the pulley, gear, or wheel when the pulley, gear, or wheel is mounted on said hub and said hub is disposed on the shaft and the shaft extends to said integral stop.

With these limits Siner would no longer work for its intended purpose as a servo-member if the mounting surface and "the shaft extending through the pulley, gear, or wheel when the pulley, gear, or wheel is mounted on said hub and said hub is disposed on the shaft and the shaft extends to said integral stop" were included.

Furthermore, the servo-member of Siner does not have a pulley, gear, or wheel.

Nor does Siner have a mounting surface for mounting the pulley, gear, or wheel. The function of Siner would be degraded if disk 12 were mounted on instead of being

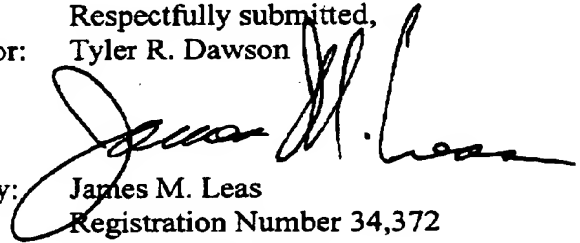
integral with hub 14.

Furthermore, the function of Siner would also be degraded if the shaft extended through disk 12 instead of extending to disk 12.

Thus, the references, individually or in combination, do not teach or suggest the various limits of independent claims 1, 21, and 34. Claims 21 and 36 include the mounting surface limit. Claims 1 and 34 include both limits. These independent claims are therefore allowable. Claims dependent thereon, including claims 4, 14-16, 17-20, 26-30, and 31-33 are therefore also allowable.

It is believed that all the claims are in condition for allowance. Therefore, applicant respectfully requests favorable reconsideration. If there are any questions please call applicant's attorney at 802 864-1575.

Respectfully submitted,  
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